





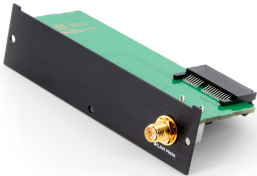



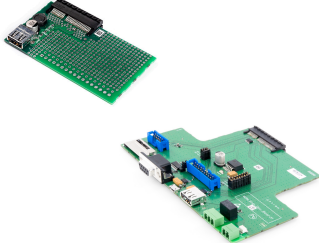
Compare CloudGate Models

		3G Americas	3G EMEA	3G APAC	Ethernet
	Supported frequency bands	 UMTS/HSDPA/HSUPA/HSPA+: 800-850/900/ 1900/2100 MHz and AWS band (1700/2100 MHz) (B1, B2, B4, B5, B6, B8) CDMA 1xRTT/EVDO rev-A: 800/1900MHz (BC0,BC1)	 UMTS/HSDPA/ HSUPA/HSPA+ : 800-850/900/1900/2100MHz (B1,B2,B3,B4) GSM/GPRS/EDGE 850/900/1800/1900MHz	 UMTS/HSDPA/HSUPA/HSPA+: 800-850/900/1900/2100 MHz (B1, B2, B5, B6, B8) SM/GPRS/EDGE 850/900/1800/1900MHz	 Not Included
WWAN Modem	Max. connectivity speeds	HSPA+14.4MBPS down; 5.76MBPS UP EVDO 3.1MBPSD FL/ 1.8MBPS RL	HSPA+ 14.4MBPS down; 5.76MBPSUP	HSPA+ 14.4MBPS down; 5.76MBPS UP	Not Included
	Rx Diversity	Simultaneous Equalization and Rx Diversity on all bands			Not Included
	Antenna Connector	1 x SMA: WWAN Main 1 x SMA: WWAN Div			Not Included
GPS	Standalone GPS, Assisted GPS, gps OneXTRA™ Wideband GPS processing (20MHz) for improved measurement and accuracy ✓			Not Included	
CPU	ARM926EJ-S @ 450MHz Memory available for customer apps 30 Mb R/O flash for executables 30 Mb R/W flash shared with system 40 Mb free RAM, 1 Mb Configuration data, Linux 2.6.35 drivers and Open WRT stack development platform ✓				✓
Ethernet	10/100Mb/s RJ45 Connector ✓			✓	✓
Power	DC Power in, 9-33 V DC	✓	✓	✓	✓
Case	Connector type Micro-Fit, Dualrow, 4 circuits Dimension: (115 x 105 x 45mm) Mounting: 6 through holes for M4 bits Operating temp: 30°C to 70°C Storage temp: 40°C to +85°C ✓				✓
Environment	DC Power in, 9-33 V DC	✓	✓	✓	✓
CloudGate Universe	Device can be configured OTA using CloudGate Universe	✓	✓	✓	✓
Certifications		FCC, IC, PTCRB, IFETEL AT&T, T-Mobile, Sprint, Verizon, Bell Mobility, Telus, Aeris, Telcel	CE	JATE, Telec Softbank, Docomo	CE, IC, FCC
Expansion cards		2 x expansion slots for adding cards: WLAN expansion card, Low cost serial card, Industrial serial card, Ethernet switch, Telematics card ✓			✓
Developers		Support CloudGate Development Kit: Developer board, Breadboard, SDK/HDK ✓			✓
Product Code		CG 0192-11897 (unit only) CG0192-11897-WA (Wifi & AC power) CG0192-11897-WD (Wifi & DC power) CG0192-11897-A (AC power) CG0192-11897-D (DC power)	CG0112-11938	CG0122-11978	CG0102-11955 (unit only) CG0102-11955-D (DC Power) CG0102-11955-A (AC Power)

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Compare CloudGate Expansion Cards

Description	Image	Features	Product Codes
WiFi Expansion Card		<ul style="list-style-type: none"> • 802,11abgn • Failover to Wireless LAN client for WAN connectivity • Simultaneous access point and client mode • Dual SSID • AP mode connects up to 10 clients 	CG2101-11921
Low-cost Serial Card		<ul style="list-style-type: none"> • 1 serial port RS-232 921 • 6Kbaud maximum speed 	CG1101-11919
Industrial Serial Card		<ul style="list-style-type: none"> • One RS-232 serial port. 921,6 Kbaud maximum speed • One 2KV isolated RS-485 serial port, 921,6 Kbaud maximum speed, full duplex or half duplex, 2 wire or 4 wire, switchable termination. 	CG1102-11920
Ethernet Switch		<ul style="list-style-type: none"> • 4 port 10/100 Base-T, μSD card • 4 port 10/100 Base-T, μSD card with 2 ports Class 4 • PoE or 4 ports up to Class 3 Power Over Ethernet (POE) to allow you to power external devices. (requires special power supply, sold separately) 	CG1104-11936 (without PoE) CG1103-11935 (with PoE)
Developer Card		<ul style="list-style-type: none"> • Extended format card with headers for all interfaces • Includes headers for access to USB, USB on the go • RS-232, I2C, SPI/SD and GPIO lines. • On board temperature sensor, relay, SD card slot and RS232 serial port 	CG1108-11980 (Breadboard Card) CG105-11937 (Developer Card)

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